

FIG. 1

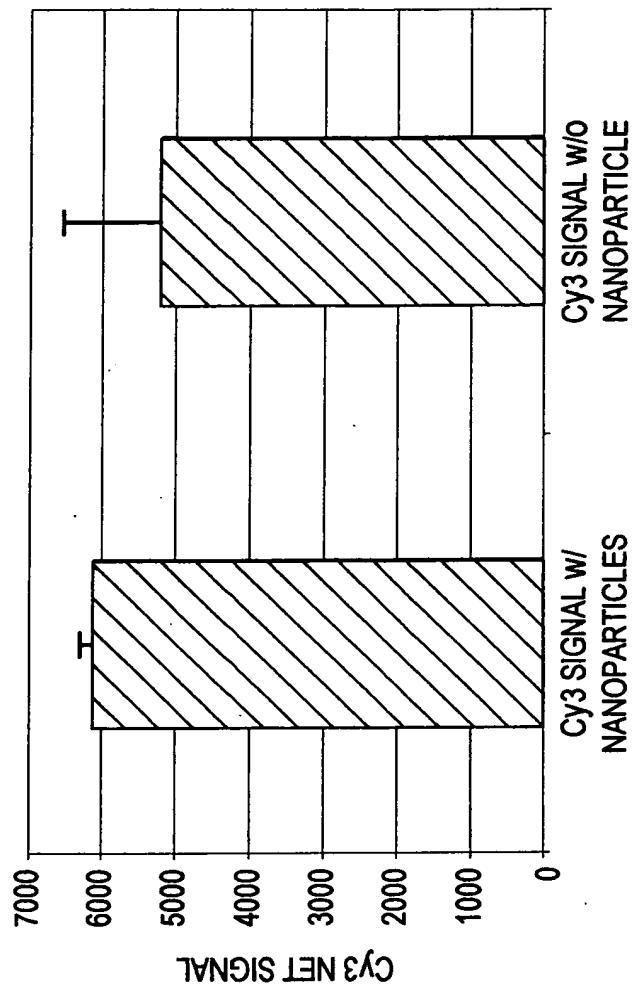


FIG. 2

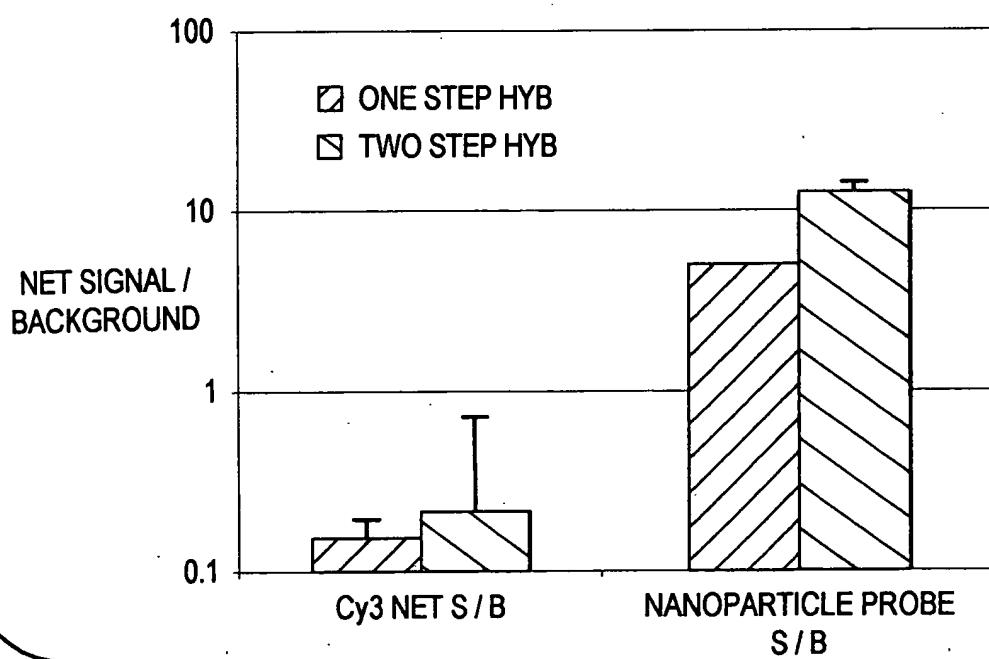
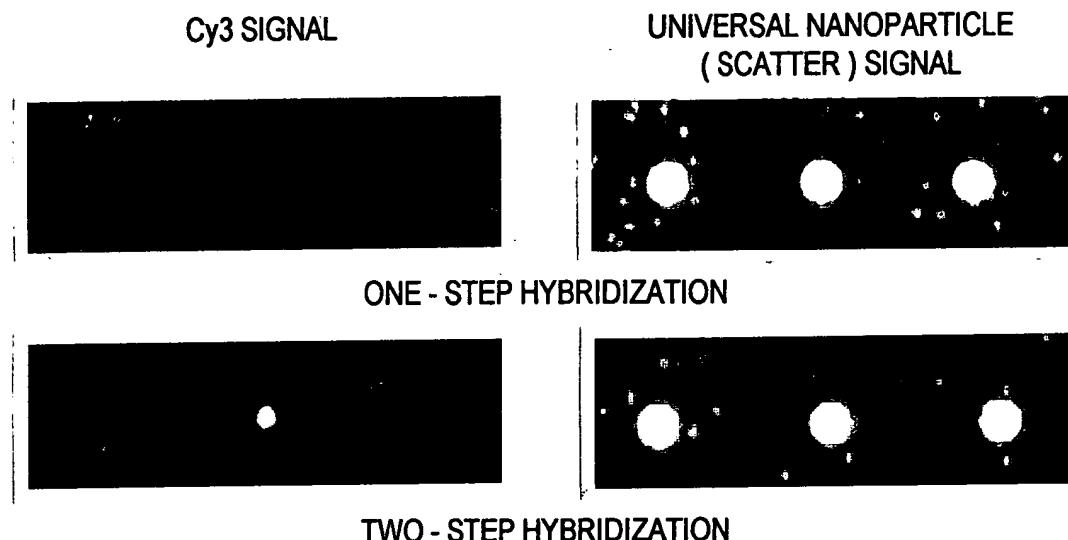


FIG. 3

FIG. 3a

## NANOPARTICLE (SCATTER) SIGNAL

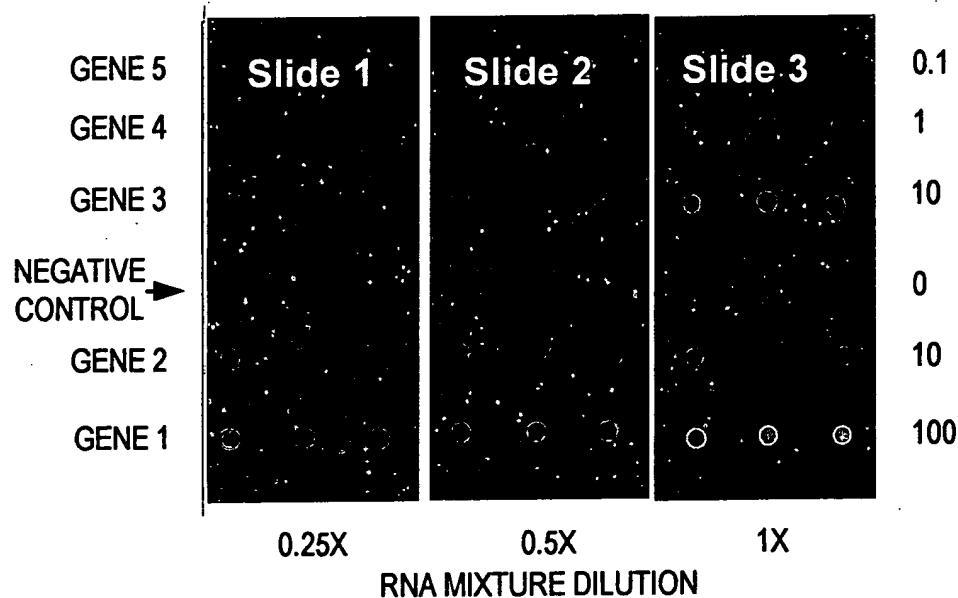


FIG. 3b

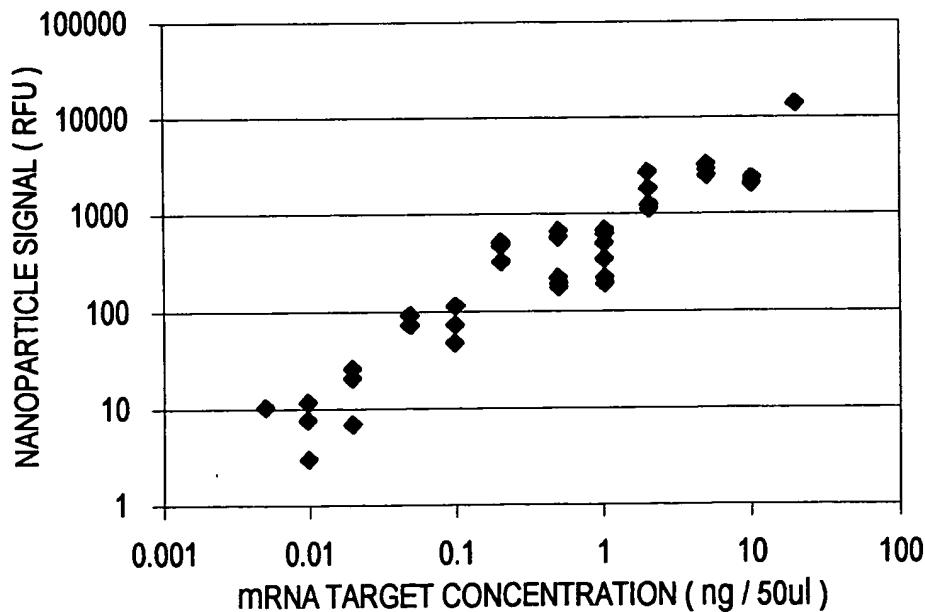


FIG. 4

FIG. 4a

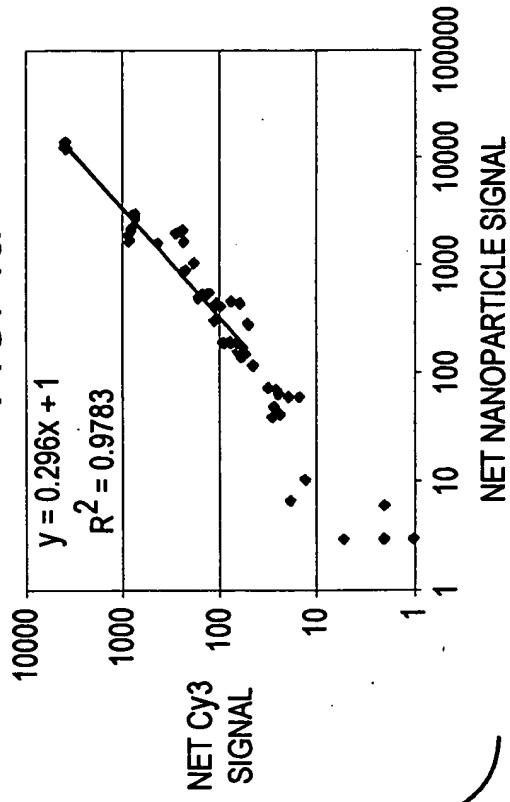
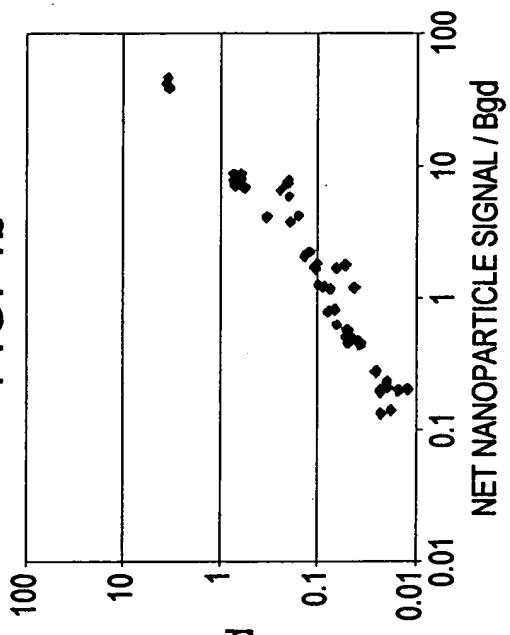


FIG. 4b



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CAPTURE OLIGO  
CONC. (uM)  
CYTOCHROME  
C OXIDASE  
SUBUNIT VIC  
BETA ACTIN

FORMAMIDE  
CONCENTRATION  
20% 25% 30% 35% 40%

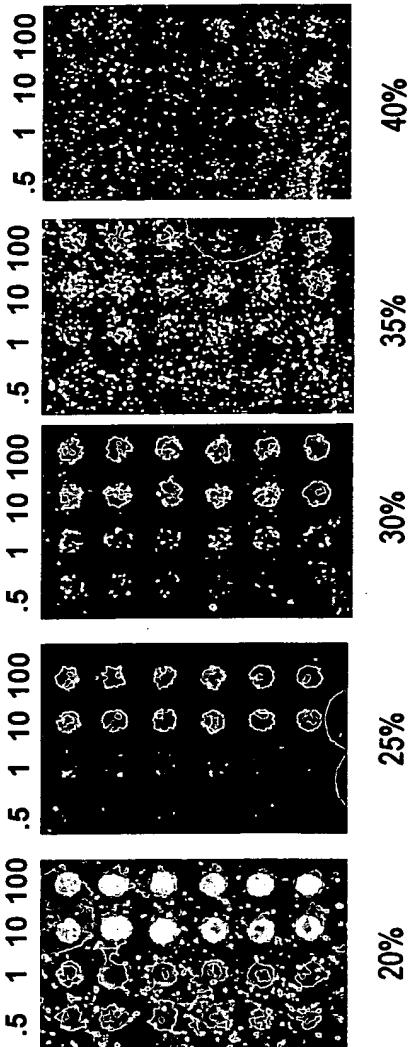


FIG. 5

FIG. 6

FIG. 6a

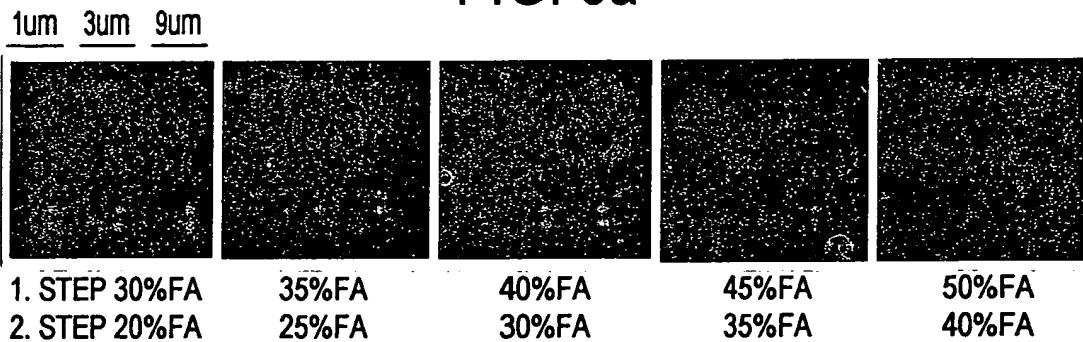


FIG. 6b

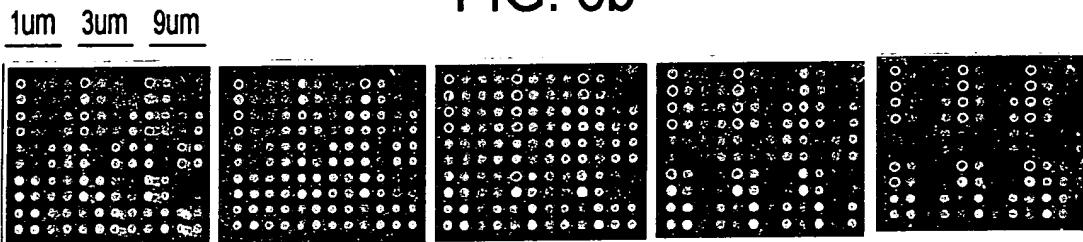


FIG. 6c

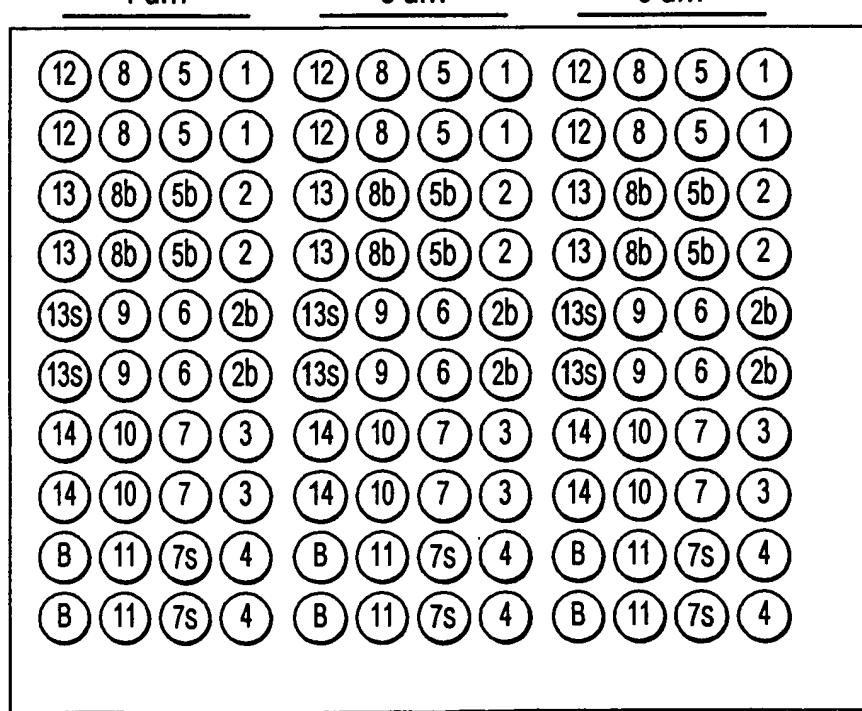


FIG. 7a

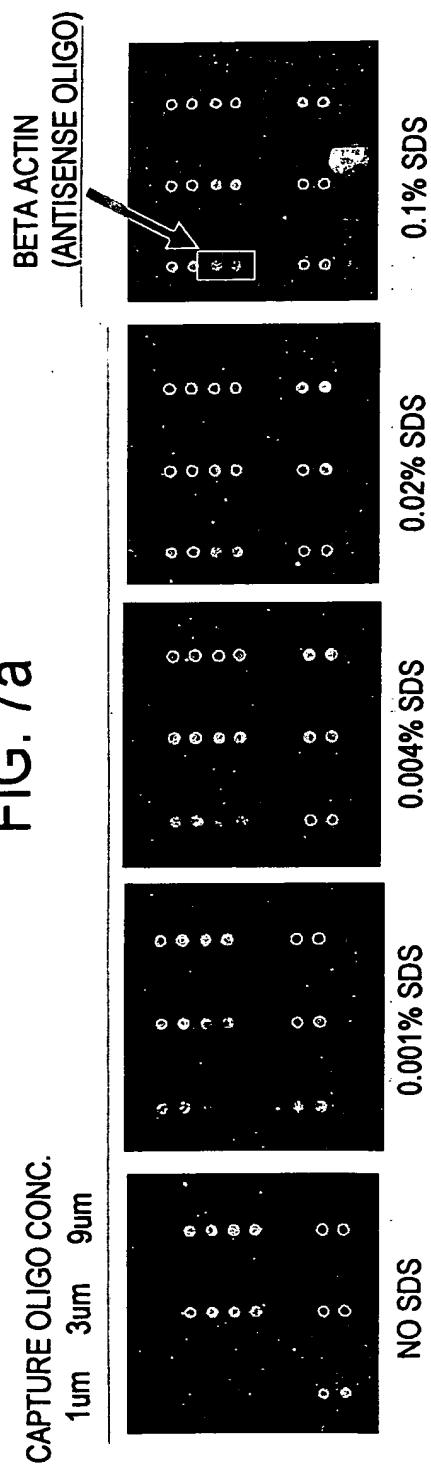


FIG. 7

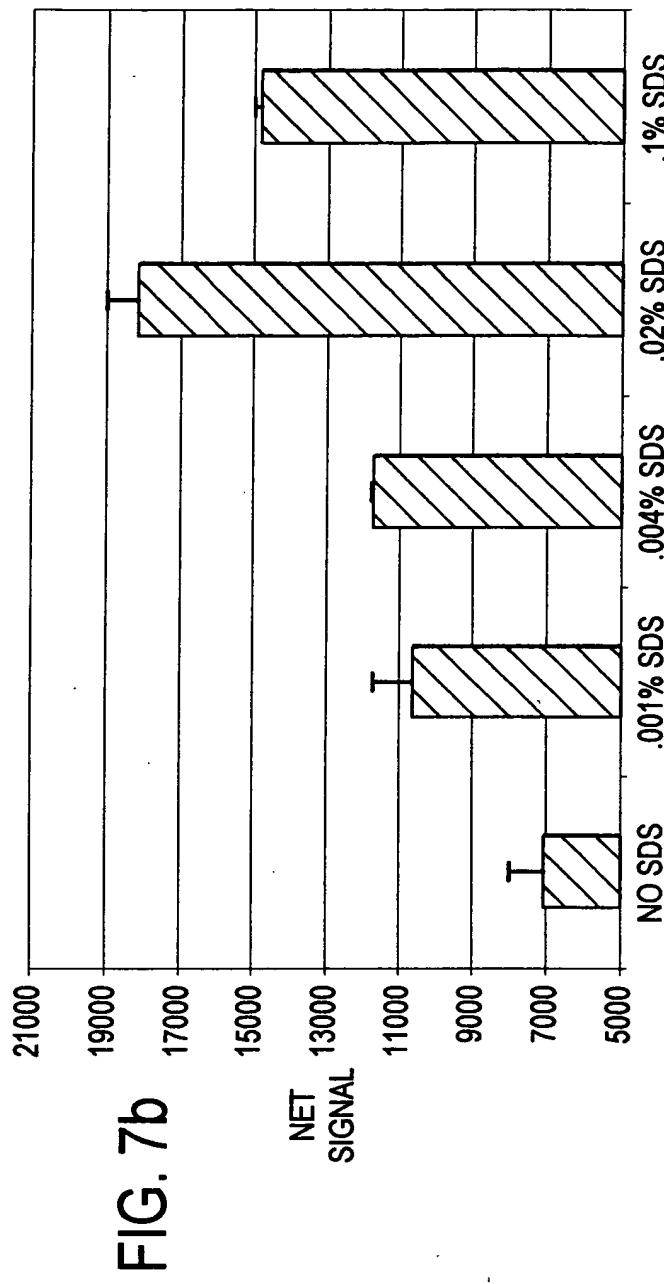


FIG. 7b

FIG. 8

FIG. 8a

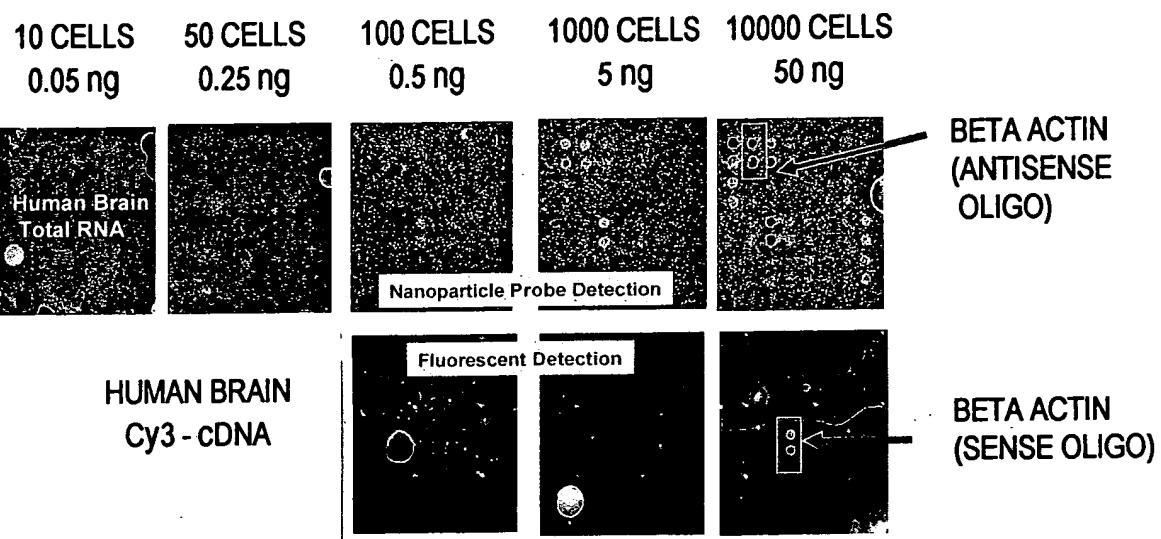


FIG. 8b

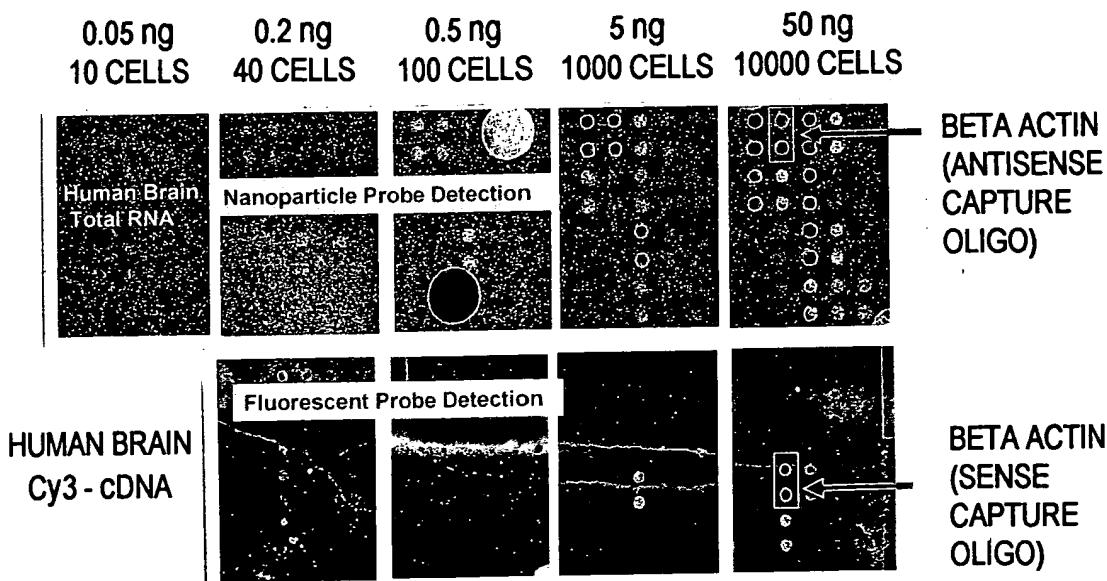


FIG. 9

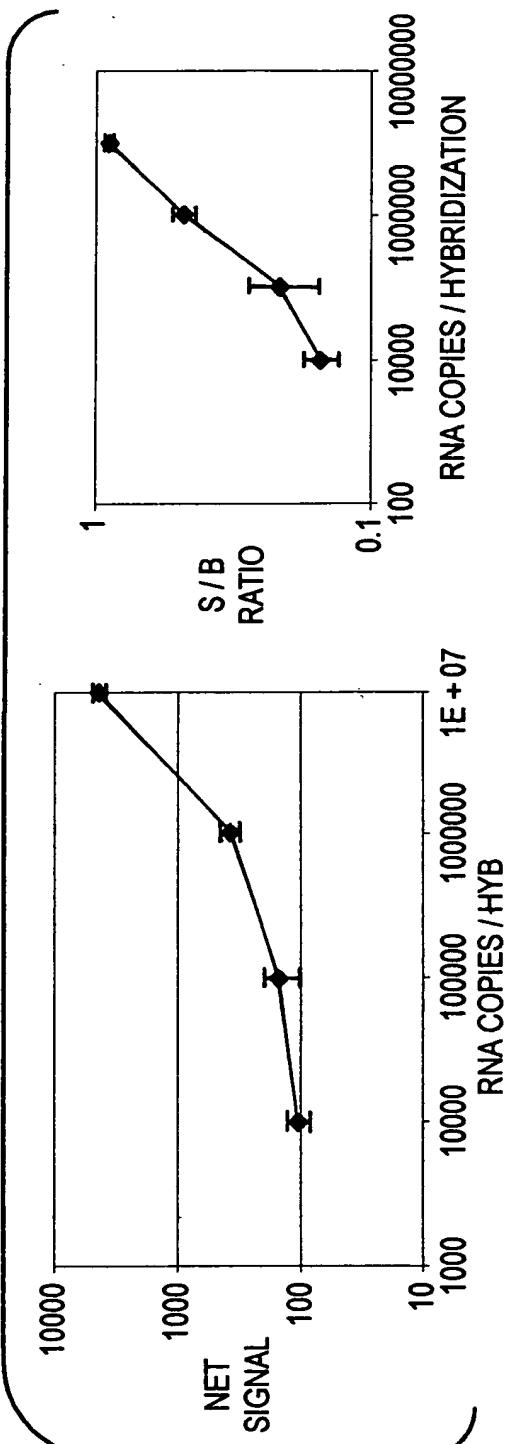
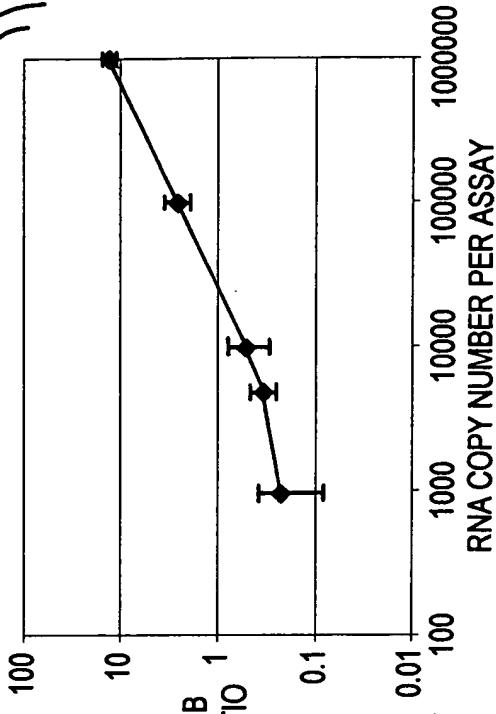
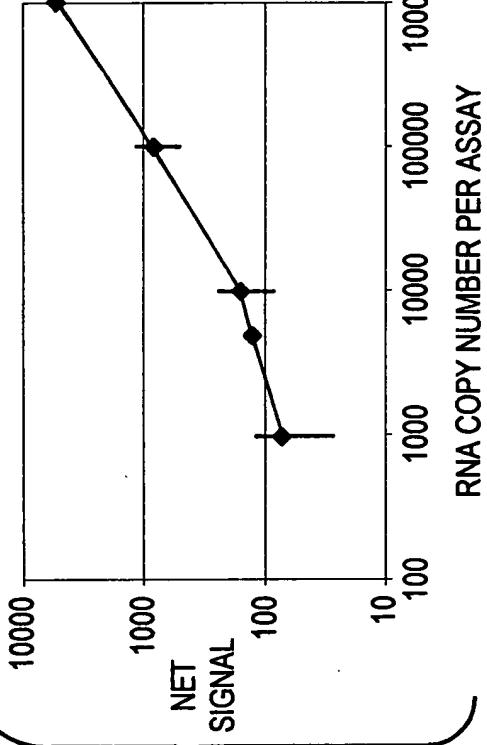


FIG. 9b